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Auto-configuration and Load Commands

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Chapter 1 Auto-negotiation and Load Commands

1.1 no service config filename

[Function]

Recover configuration file name. ISCOM2000/2100/2800/2900/3000 series devices support this command.

[Command format]

no service config filename

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

Use this command to recover configuration file to blank. The default file name is startup-config.cof. The command can not be operated successfully if there is auto-configuration load task being run.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully

[Example]

Recover configuration file name:

Raisecom(config)#**no service config filename**

[Related commands]

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
service config	Startup auto-configuration and load.
service config tftp-server <i>A.B.C.D</i>	Configure server address.
no service config tftp-server	Recover server address.
service config overwrite <i>{enable/disable}</i>	Enable/disable local configuration file overwrite function.
service config startup <i>{enable/disable}</i>	Enable/disable auto-configuration and load of power on startup.
show service config	Show state and auto-configuration setting.

1.2 no service config tftp-server

[Function]

Recover default TFTP server address.

[Command format]

no service config tftp-server

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

Use this command to recover TFTP server to configure as 0.0.0.0. After operating this reverse command, the **show service config** command shows address information as "--". It will fail to set if there is auto-configuration and load task running.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully

[Example]

Recover configured TFTP server address:

Raisecom(config)#**no service config tftp-server**

[Related commands]

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
no service config filename	Recover configuration filename.
service config tftp-server <i>A.B.C.D</i>	Configure server address.
service config overwrite <i>{enable/disable}</i>	Enable/disable local configuration file overwrite function.
service config startup <i>{enable/disable}</i>	Enable/disable auto-configuration and load of power on startup.
show service config	Show state and auto-configuration setting.
service config	Startup auto-configuration and load.

1.3 service config

[Function]

Operating auto-configuration and load task. This command is available to device types of ISCOM2000/2100/2800/2900/3000 series.

[Command format]

service config

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

Use this command to operating auto-configuration and load. It will fail to set if there is

auto-configuration and load task running.

[Explanation of command execution echo]

Start auto configuration load task.

Getting FILENAME from server A.B.C.D.

Acquiring tftp server address failed.

Loading FILENAME of server A.B.C.D.

Getting FILENAME from server A.B.C.D failed.

Loading FILENAME of server A.B.C.D failed.

Writing FILENAME from server A.B.C.D to local configuration file.

Writing local configuration file failed.

Loading FILENAME of server A.B.C.D failed.

Loading FILENAME of server A.B.C.D succeeded

Another auto configuration task is running.

[Example]

Operating auto-configuration and load task:

Raisecom(config)# **service config**

[Related commands]

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
no service config filename	Recover configuration filename.
service config tftp-server <i>A.B.C.D</i>	Configure server address.
no service config tftp-server	Recover server address.
service config overwrite <i>{enable/disable}</i>	Enable/disable local configuration file overwrite function.
service config startup <i>{enable/disable}</i>	Enable/disable auto-configuration and load of power on startup.
show service config	Show state and auto-configuration setting.

1.4 service config filename

[Function]

Configure filename. This command is available to ISCOM2000/2100/2800/2900/3000 series.

[Command format]

service config filename *FILENAME*

[Parameter]

FILENAME: the file name.

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

The filename can not set be blank, only when operating its inverse command, the filename can be blank. The longest filename can be 80 characters, range from 1 to 80. Operating this command in condition that there is no auto-configuration and load task being run.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully

The input file name is too long.

Invalid file name

[Example]

Operating auto-configuration load:

Raisecom(config)# **service config**

[Related commands]

Commands	Description
service config	Startup auto-configuration and load.
no service config filename	Recover configuration filename.
service config tftp-server A.B.C.D	Configure server address.
no service config tftp-server	Recover server address.
service config overwrite {enable/disable}	Enable/disable local configuration file overwrite function.
service config startup {enable/disable}	Enable/disable auto-configuration and load of power on startup.
show service config	Show state and auto-configuration setting.

1.5 service config overwrite

[Function]

Configure whether local configuration file is covered by server configuration file. This command is available to ISCOM2000/2100/2800/2900/3000 series.

[Command format]

service config overwrite {enable/disable}

[Parameter]

enable: enable.

disable: disable.

[Default]

disable

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

After using this command and startup auto-configuration load, the server configuration file covers local configuration file.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully

[Example]

Enable overwrite:

Raisecom(config)# **service config overwrite** *enable*

Disable overwrite:

Raisecom(config)# **service config overwrite** *disable*

[Related commands]

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
no service config filename	Recover configuration filename.
service config tftp-server <i>A.B.C.D</i>	Configure server address.
no service config tftp-server	Recover server address.
service config startup <i>{enable/disable}</i>	Enable/disable auto-configuration and load of power on startup.
show service config	Show state and auto-configuration setting.
service config	Startup auto-configuration and load.

1.6 service config startup

[Function]

Configure auto-configuration startup power on function.

This command is available to ISCOM2000/2100/2800/2900/3000 series.

[Command format]

service config startup *{enable/disable}*

[Parameter]

enable: enable.

disable: disable.

[Default]

disable

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

After configuring and save this command, the device will startup auto-configuration load function when reboot it.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully

[Example]

Enable startup:

Raisecom(config)# **service config startup enable**

Disable startup:

Raisecom(config)# **service config startup disable**

[Related commands]

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
no service config filename	Recover configuration filename.
service config tftp-server <i>A.B.C.D</i>	Configure server address.
no service config tftp-server	Recover server address.
service config overwrite <i>{enable/disable}</i>	Enable/disable local configuration file overwrite function
show service config	Show state and auto-configuration setting.
service config	Startup auto-configuration and load.

1.7 service config tftp-server

[Function]

Configure TFTP server address.

This command is available to ISCOM2000/2100/2800/2900/3000 series.

[Command format]

service config tftp-server *A.B.C.D*

[Parameter]

A.B.C.D: IP address.

[Default]

0.0.0.0

[Command Modes]

Global configuration mode, Privileged user

[Executing Command Instruction]

IP address should be type A, B and C, it should not be all 0 address, broadcast address, type D address and reserved type E address. After operating inverse command, IP address can set to all 0 address and use **show service config** to show address "--".

[Explanation of command execution echo]*Set successfully**Set unsuccessfully**Invalid IP address***[Example]**

Configure TFTP server address:

Raisecom(config)# **service config tftp-server A.B.C.D****[Related commands]**

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
no service config filename	Recover configuration filename.
service config	Startup auto-configuration and load.
no service config tftp-server	Recover server address.
service config overwrite <i>{enable/disable}</i>	Enable/disable local configuration file overwrite function
service config startup <i>{enable/disable}</i>	Enable/disable auto-configuration and load of power on startup.
show service config	Show state and auto-configuration setting.

1.8 show service config

[Function]

Show auto-configuration state and setting.

This command is available to ISCOM2000/2100/2800/2900/3000 series.

[Command format]**Show service config****[Command Modes]**

Privileged EXEC mode, Privileged user

[Executing Command Instruction]

Use this command to review auto-configuration load setting and state. The showing information

includes power on load, configure server IP address, configure file name, overwrite local configuration file, finish sending alarm, current running state and result state.

[Explanation of command execution echo]

Perform on startup: <enable/disable>
 Config server IP address: <IP>
 Config file name: <file name>
 Overwrite local configuration file: <enable/disable>
 Send Completion trap: <enable/disable>
 Operation states: <waiting /getting/loading/writing /done>
 Result: <none/succeeded/acquireFailed/getFailed/writeFailed/notEnoughMemory/other>

[Example]

Operate showing command:

Raisecom(config)# **show service config**

[Related commands]

Commands	Description
service config filename <i>FILENAME</i>	Command for configuring filename.
no service config filename	Recover configuration filename.
service config tftp-server <i>A.B.C.D</i>	Configure server address.
no service config tftp-server	Recover server address.
service config overwrite { <i>enable/disable</i> }	Enable/disable local configuration file overwrite function
service config startup { <i>enable/disable</i> }	Enable/disable auto-configuration and load of power on startup.
service config	Startup auto-configuration and load.



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